

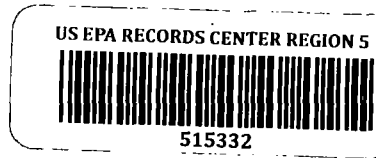


minnesota department of health

717 s.e. delaware st.

minneapolis 55440

(612) 296-5221



November 26, 1980

Melanie Toepfer
Enforcement Division
Environmental Protection Agency - Region V
230 South Dearborn
Chicago, Illinois 60604

Dear Melanie:

Persuant to our conference call of November 14, I am enclosing a copy of the Hickok & Associates revised work plan for the St. Louis Park groundwater study. Our staff has reviewed it and found no problems. Copies have also been forwarded to Steve Shakman and to Marc Hult.

Regarding the water treatment study data, I am still compiling the information and will forward this to you soon.

Sincerely,

Michael P. Convery, Hydrologist
Section of Water Supply
and General Engineering

MPC:lg1

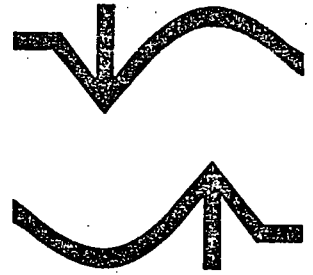
Attachments

cc: David Giese

002896

545 Indian Mound
Wayzata, Minnesota 55391

(612) 473-4224



November 12, 1980

Mr. Michael Convery
Minnesota Department of Health
Division of Environmental Health
717 Southeast Delaware Street
Minneapolis, MN 55440

Re: Groundwater Study, St. Louis Park

Dear Mr. Convery:

Transmitted with this letter is the refined work plan for the referenced project as specified under Task 1030 of the contract. The refined work plan comprises a revised project schedule, schedule of work outputs and project flow chart.

If you have any questions on these materials please contact John Erdmann or me.

Respectfully submitted,

EUGENE A. HICKOK AND ASSOCIATES

Eugene A. Hickok, P.E.

EAH/bt

002897

TABLE 2

STUDY OF GROUNDWATER CONTAMINATION
IN ST. LOUIS PARK

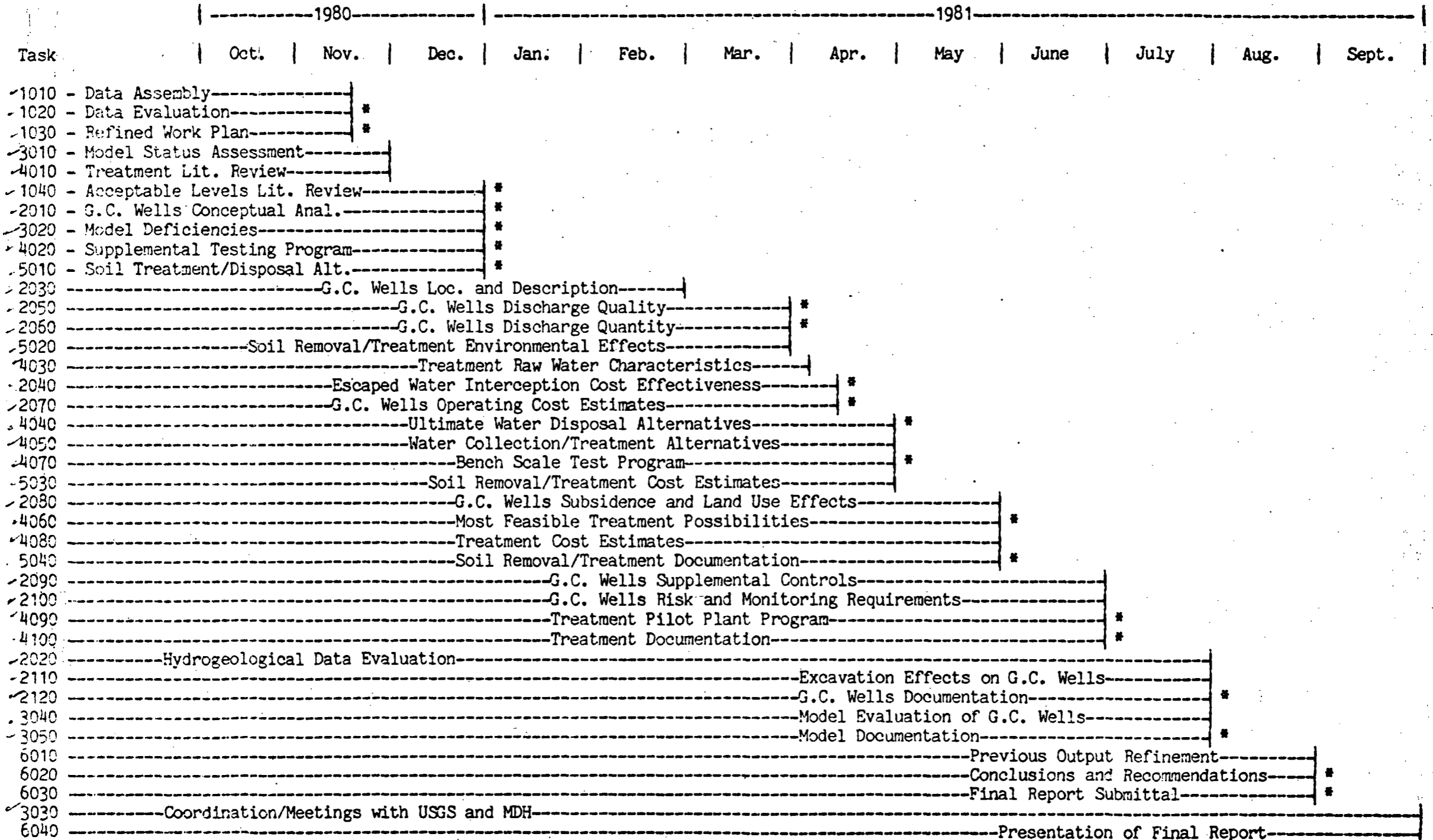
SCHEDULE OF WORK OUTPUTS

<u>Completion Date</u>	
November 14, 1980	1. Task 1020 - Existing Data Review and Evaluation 2. Task 1030 - Refined Work Plan <i><done></i>
December 31, 1980	*3. Task 1040 - Literature Review for Acceptable Contaminant Levels 4. Task 2010 - Gradient Wells Conceptual Analysis *5. Task 3020 - U.S.G.S. Model Information Deficiencies Identification 6. Task 4020 - Supplemental Testing Program for Well Discharge Treatment 7. Task 5010 - Treatment/Disposal Alternatives for Soil Removal
March 31, 1981	8. Task 2050 - Water Quality of Gradient Well Discharge 9. Task 2060 - Quantity of Gradient Well Discharge
April 15, 1981	10. Task 2040 - Gradient Wells Cost Effectiveness for Escaped Water Interception 11. Task 2070 - Gradient Wells Operating Cost Estimates
April 30, 1981	12. Task 4040 - Gradient Well Discharge Disposal Alternatives 13. Task 4070 - Bench Scale Testing Program for Well Discharge Treatment
May 29, 1981	14. Task 4060 - Gradient Well Discharge Treatment Possibilities *15. Task 5040 - Contaminated Soil Removal Techniques - Documentation
June 30, 1981	16. Task 4090 - Pilot Program for Well Discharge Treatment *17. Task 4100 - Treatment of Gradient Well Discharge - Documentation
July 31, 1981	*18. Task 2120 - Evaluation of Gradient Well system - Documentation *19. Task 3050 - U.S.G.S. Model Refinement - Documentation
August 31, 1981	20. Task 6020 - Conclusions and Recommendations for Final Report *21. Task 6030 - Final Report

(*Denotes major work outputs).

002898

STUDY OF GROUNDWATER CONTAMINATION IN ST. LOUIS PARK
PROJECT SCHEDULE - REVISED NOVEMBER 1980



002899